



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : A61K 47/48	A1	(11) International Publication Number: WO 95/32738 (43) International Publication Date: 7 December 1995 (07.12.95)
(21) International Application Number: PCT/GB95/01253 (22) International Filing Date: 31 May 1995 (31.05.95) (30) Priority Data: 9410870.1 ✓ 31 May 1994 (31.05.94) GB 9410871.9 ✓ 31 May 1994 (31.05.94) GB (71) Applicant (for all designated States except US): ALLERGAN, INC. [US/US]; 2525 Du Pont Drive, Irvine, CA 92715 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): DOLLY, James, Oliver [GB/GB]; 7 Buckland Road, Cheam, Surrey SN2 7LP (GB). AOKI, Kei, Roger [US/US]; 25472 Earhart Road, Laguna Hills, CA 92653 (US). WHEELER, Larry, Allen [US/US]; 18 Valley View, Irvine, CA 92715 (US). GARST, Michael, Elwood [US/US]; 2433 Vista Hogar, Newport Beach, CA 92622 (US). (74) Agents: ARMITAGE, Ian, M. et al.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).		(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ, UG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>

(54) Title: MODIFICATION OF CLOSTRIDIAL TOXINS FOR USE AS TRANSPORT PROTEINS**(57) Abstract**

A chemical conjugate for treating a nerve cell related disorder is provided. This conjugate includes an active or inactive Clostridial toxin having specificity for a target nerve cell. The toxin is conjugated to a drug or other bioactive molecule without affecting the toxin's ability to enter the target nerve cell.